lines 3 and 4, replace "according to the preamble of claim 1" with
--having first and second sensor regions responding to at least one reactive
exhaust gas constituent and a catalytic agent for converting reactive exhaust
gas constituents with a higher catalytic activity at the first sensor region--;

5   line 13, change "Given an" to read --An--;

same line, change "air, it" to read --air--;

line 14, after "then" insert --the--;

line 15, change "1;" to read --1 and what is referred to as a--;

same line, change "referred to" to read --obtained--; and

10   line 22, after "given" insert --the--.

Page 2, line 3, change "whereby" to read --so that--; and

line 26, after "formation." insert the following heading:

--SUMMARY OF THE INVENTION--.

Page 3, line 1, change "the independent claims" to read --an improvement

15   in a gas sensor having first and second sensor regions responding to at least one
reactive exhaust gas constituent and having a catalytic agent for converting reactive
exhaust gas constituents with a higher catalytic activity in said first sensor region.
The improvement is that the first sensor region comprises pores in which traces of
at least one catalytically active substance are present as the catalytic agent.--;

20   line 2, please delete this line;

line 12, after "as" insert --the--;

line 16, change "drawing" to read --drying--;

line 26, after "rich" insert --mixture or setting--;

same line, change "lean. Given and at" to read --lean mixture

25   or setting. At the--;

line 27, after "lean" insert --mixture--;

line 28, after "rich" insert --mixture--; and

line 29, change "such in parallel" to read --in parallel so--.

Page 4, line 19, after "with" insert --"fuzzy logic" or--.

Page 5, line 14, delete "Shown therein are:" and insert the following

heading:

--BRIEF DESCRIPTION OF THE DRAWINGS--;

line 15, after "Figure 1" insert --is a cross sectional view of--;

line 16, change "the curve of resistance of" to read --is a graph of

resistance curves for--;

line 18, after "Figure 3" insert --is a diagrammatic view of--;

line 19, before "According" insert the following heading:

--DESCRIPTION OF THE PREFERRED EMBODIMENTS--;

line 20, change "2on" to read --2 on--; and

same line, after "region" insert --4--.

Page 6, line 9, change "was [sic]" to read --were--;

line 11, change "of 20μm thickness and 5mm X 3mm area" to read

--with a thickness of 20μm and an area of 5mm by 3mm--;

same line, change "were" to read --was--;

line 28, after "rich" insert --mixture--; and

same line after "lean" insert --mixture--.

Page 7, lines 1 and 10, after "rich" (each occurrence) insert --mixture--;

line 4, after "lean" insert --mixture--;

line 6, before "parallel" insert --a--; and

line 7, after "as" insert --a--.